Fig. 1 the schematic structure of an engraving element having a damping mechanism in a perspective view;

Fig. 2a, 2b and 2c ~~Fig. 2~~ an exemplary embodiment of a rotational-symmetrical damping mechanism having a circular or circular sector-shaped damping disk, shown in section;

Fig. 3a and 3b ~~Fig. 3~~ an exemplary embodiment of a non-rotational symmetrical damping mechanism having a circular segment-shaped damping disk, shown in section;

Fig. 4 an exemplary embodiment of a rotational-symmetrical damping mechanism having two circular or circular sector-shaped damping disks, shown in section;

Fig. 5 an exemplary embodiment of a non-rotational-symmetrical damping mechanism having two circular segment-shaped damping disks, shown in section;

Fig. 6a and 6b ~~Fig. 6~~ a development of a rotational-symmetrical damping mechanism having an integrated spoke bearing, shown in section;

Fig. 7a and 7b ~~Fig. 7~~ a development of a non-rotational-symmetrical damping mechanism having an integrated spoke bearing, shown in section;

Fig. 8 a perspective illustration of a rotational-symmetrically fashioned spoke bearing; and

Fig. 9 a perspective illustration of a non-rotational-symmetrically fashioned spoke bearing.

Fig. 1 shows a perspective illustration of the structure of an engraving element that is fundamentally composed of a drive system - of an electromagnetic drive system in the illustrated example - and of a rotatory system.

The electromagnetic drive element is composed of a stationary electromagnet (1) having two u-shaped plate packets (2) lying opposite one another and two air gaps (3) lying between the legs of the plate packets (2). A coil (5) - which is shown from only coil side - is located in the recesses (4) of the plate packets (2) of the electromagnet (1). The coil (5) has an engraving control signal flowing through it.